Maximum Product of Word Lengths (View)

Given a string array `words`, return *the maximum value of* `length(word[i]) * length(word[j])` *where the two words do not share common letters*. If no such two words exist, return `0`.

Example 1:

```
Input: words = ["abcw","baz","foo","bar","xtfn","abcdef"]

Output: 16

Explanation: The two words can be "abcw", "xtfn".
```

Example 2:

```
Input: words = ["a","ab","abc","d","cd","bcd","abcd"]

Output: 4

Explanation: The two words can be "ab", "cd".
```

Example 3:

```
Input: words = ["a","aa","aaa","aaaa"]

Output: 0

Explanation: No such pair of words.
```

Constraints:

- `2 <= words.length <= 1000`
- `1 <= words[i].length <= 1000`
- `words[i]` consists only of lowercase English letters.